

NOTES:

1. IMPACT RESISTANT GLAZING OPTION - IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 11" x 17" CUTOUT, FASTENED WITH #8 x 1" SMS. 3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL. SEE DETAIL E ON SHEET 2 FOR ASSEMBLY DETAILS.

2. NON-IMPACT RESISTANT GLAZING OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 10.69" AND A MAXIMUM LENGTH OF 16.94". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

3. WNL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

4. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.

5. LOUVER OPTION - .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS INSTALLED IN THE BOTTOM SECTION. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

6. SECTION STEEL TO HAVE A MINIMUM 26 GA THICKNESS.

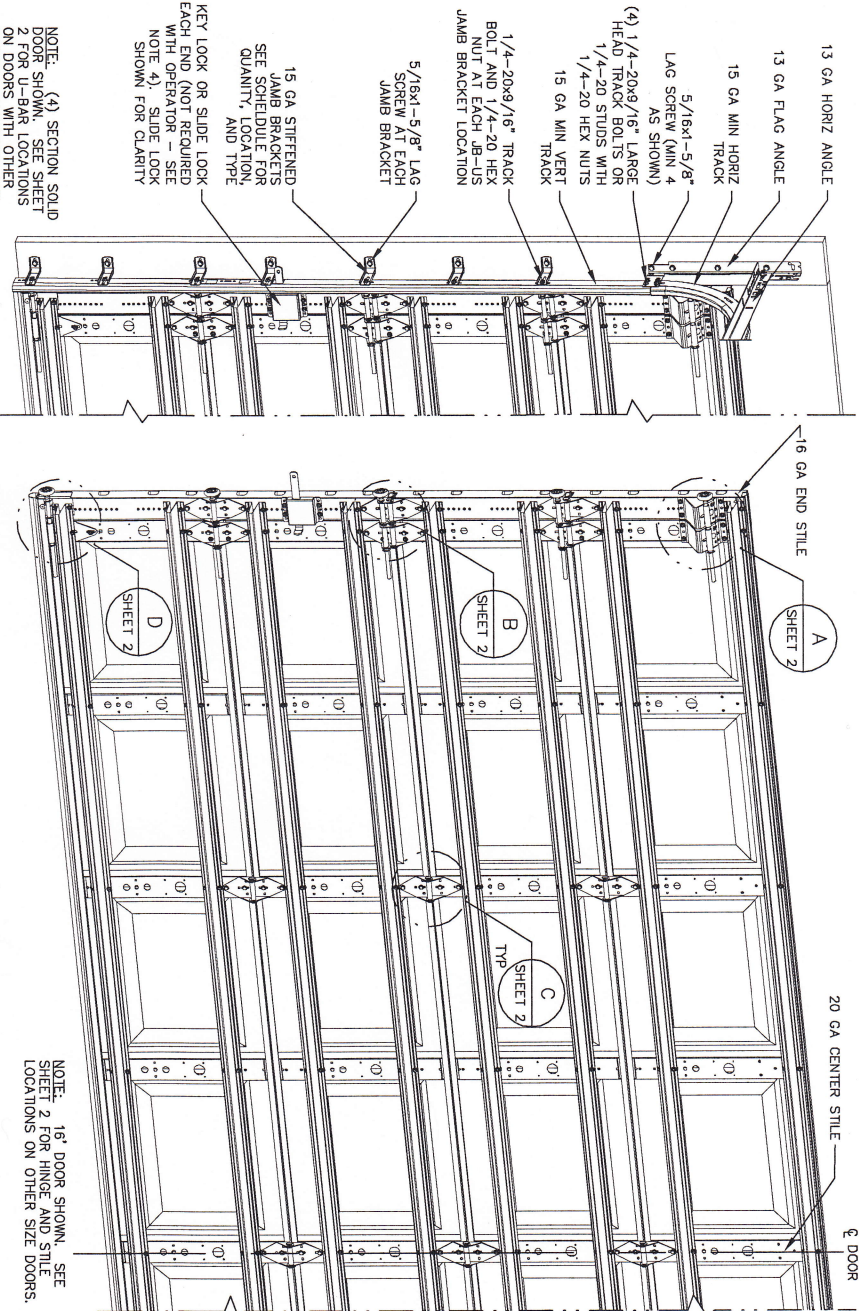
7. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. THE DESIGNER SHALL BE RESPONSIBLE FOR THE BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

8. DOOR JAMB TO BE MINIMUM 2x4 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

9. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8" SET DRILLING TEMPLATE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR OR BRACKET SHOWN ON THIS DRAWING SHALL BE INSTALLED ON TOP OF TOP BRACKETS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-0"	ALL	+230.0/-260.0
12'-0"	ALL	+276.0/-312.0
14'-0"	ALL	+322.0/-364.0
15'-0"	ALL	+345.0/-390.0
16'-0"	ALL	+368.0/-416.0



NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTES 1 AND 2 THIS SHEET FOR GLAZING OPTIONS.

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
6'-6"	4	7" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 57-1/4" (JB-US)
7'-0"	4	7" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 52-1/2" (JB-US), 63-1/4" (JB-US)
7'-6"	5	7" (JB-US), 10" (JB-US), 18-3/4" (JB-US), 26-3/4" (JB-US), 36" (JB-US), 45" (JB-US), 54-1/4" (JB-US), 63" (JB-US), 74-1/2" (JB-US)
8'-0"	5	7" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/2" (JB-US), 66" (JB-US), 75-1/2" (JB-US)

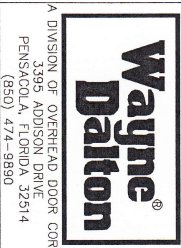
NOTE: (JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

REVISIONS

NO.	DESCRIPTION	DATE
P1	MODIFIED NOTES TO STATE THAT LOUVERS ARE NOT IMPACT RESISTANT.	6/29/07
P2	ADDED IMPACT RESISTANT GLAZING. ADDED DETAIL E SHEET 2 FOR GLAZING. ADDED MAX GLAZING DIMENSION TO NOTES SHEET 1. MODIFIED JAMB BRACKET TO INCLUDE ADDED TRACK TO FLAG CONNECTION NOTE	11/10/07
P3	MODIFIED LOUVER OPTION. ADDED TEXAS LICENSE NUMBER TO TITLE BLOCK.	9/19/08
P4	UPDATED TITLE BLOCK AND IMPACT GLAZING	4/16/12

MAKER A. SANDOZ, P.E.  
2201 S. STATE HWY 121, SUITE 200  
LEWISVILLE, TX 75067  
TX REG. 100281



STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.	
DESIGN (PSF):	+46.00/-52.00	MAX WIDTH:	16'-0"	DATE	NAME
TEST (PSF):	+69.00/-78.00	MAX HEIGHT:	14'-0"	5/22/06	GRT
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	21" (CHECKED)	1/22/07	MRB
MODELS 8000/8100		SHEET 1 OF 2		REV.	
WINDLOAD SPECIFICATION OPTION CODE 1125		DRAWING PART NO. 327019		P4	



# OUTER STILE & INTERMEDIATE HINGE LOCATIONS

13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

(2) 13 GA COMMERCIAL "A" FRAME TOP BRACKETS EACH ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING GRIP-ITE SCREWS

ADD (2) 1/4-14x7/8" SELF DRILLING GRIP-ITE SCREWS (INSIDE OF EACH INSIDE END HINGE)

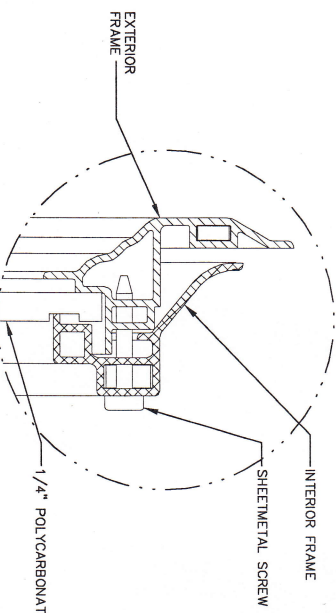
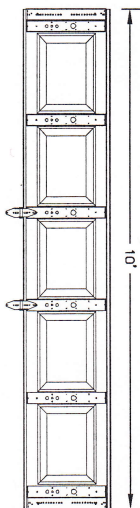
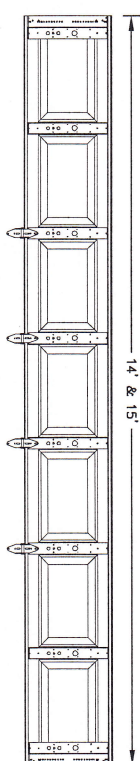
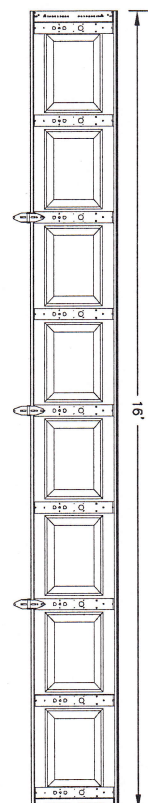
2" STEEL ROLLER WITH 9" GRADE 1144 OR EQUIVALENT STEM AND 1/16" PUSHNUT AT EACH ROLLER LOCATION, 1/4" MAX BETWEEN PUSHNUT AND BRACKET OR HINGE

(2) 14 GA WIDE BODY ENDS HINGES EACH ATTACHED WITH (4) 1/4-14x5/8" SELF TAPPING SCREWS

14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x5/8" SELF TAPPING SCREWS

12 GA EXTENSION BRACKET ATTACHED WITH (3) 1/4-14x7/8" SELF DRILLING GRIP-ITE SCREWS (2 THROUGH STRUT AND BRACKET)

14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING GRIP-ITE SCREWS THROUGH STRUT AND BOTTOM BRACKET AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW



## U-BAR LOCATIONS

(8) SECTION DOORS WITH 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

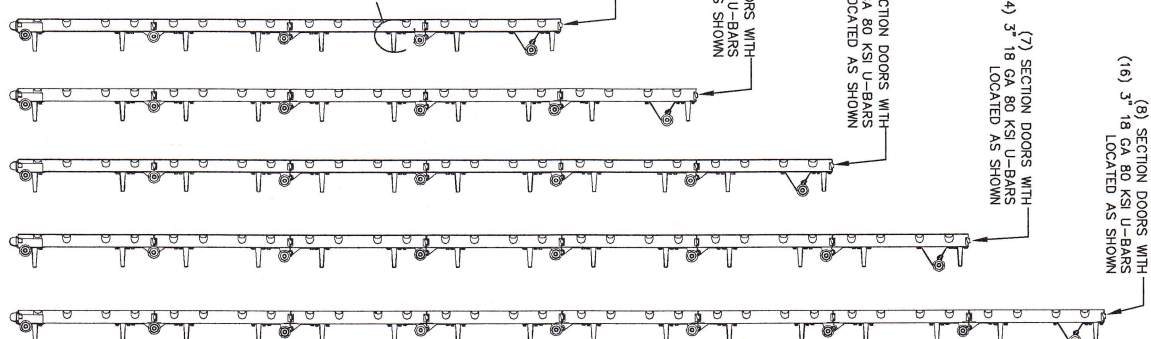
(7) SECTION DOORS WITH 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

(6) SECTION DOORS WITH 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

(5) SECTION DOORS WITH 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

(4) SECTION DOORS WITH 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

ATTACH U-BAR WITH (2) 1/4-14x7/8" SELF DRILLING GRIP-ITE SCREWS AT EACH STILE LOCATION, TYP.



## REVISIONS

- P1 MODIFIED NOTES TO STATE THAT LOLLERS ARE NOT IMPACT RESISTANT. GRT 6/29/07
- P2 ADDED IMPACT RESISTANT GLAZING. ADDED DETAIL E SHEET 2 FOR GLAZING. ADDED MAX GLAZING DIMENSION TO NOTES SHEET 1. MODIFIED LAMB BRACKET TO INCLUDE CONNECTION TO TRACK. GRT 11/10/07
- P3 MODIFIED LOLLER OPTION. ADDED TEXAS LICENSE NUMBER TO TITLE BLOCK. GRT 9/19/08
- P4 UPDATED TITLE BLOCK AND IMPACT GLAZING GRT 4/16/12

*Handwritten signature and date: 2/12/12*

MASK A. SAMCO, INC.  
2501 S. STATE AVE. SUITE 200  
LEWISVILLE, TX 75067  
TX PE 72613  
FL PE 106291

A DIVISION OF OVERHEAD DOOR CORP.  
3395 ADDISON DRIVE  
PENSACOLA, FLORIDA 32514  
(950) 474-9880

STATIC PRESSURE RATINGS			APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+46.00/-52.00		MAX WIDTH:	16'-0"	DATE	5/23/06		
TEST (PSF):	+69.00/-78.00		MAX HEIGHT:	14'-0"	DRAWN	1/22/07		
IMPACT/CYCLIC RATED (YES/NO):	YES		MAX SECTION HEIGHT:	21'	CHECKED			
MODELS 8000/8100					SHEET 2 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 1125					DRAWING PART NO.		REV.	
					327019		P4	